

110TH CONGRESS
1ST SESSION

S. 1523

To amend the Clean Air Act to reduce emissions of carbon dioxide from the Capitol power plant.

IN THE SENATE OF THE UNITED STATES

MAY 24, 2007

Mrs. BOXER (for herself and Mr. ALEXANDER) introduced the following bill; which was read twice and referred to the Committee on Environment and Public Works

A BILL

To amend the Clean Air Act to reduce emissions of carbon dioxide from the Capitol power plant.

1 *Be it enacted by the Senate and House of Representa-*
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. CAPITOL POWER PLANT CARBON DIOXIDE**
4 **EMISSIONS DEMONSTRATION PROGRAM.**

5 Section 118 of the Clean Air Act (42 U.S.C. 7418)
6 is amended by adding at the end the following:

7 “(e) CAPITOL POWER PLANT CARBON DIOXIDE
8 EMISSIONS DEMONSTRATION PROGRAM.—

9 “(1) DEFINITIONS.—In this subsection:

1 “(A) CAPITOL POWER PLANT.—The term
2 ‘Capitol power plant’ means the power plant
3 constructed in the vicinity of the Capitol Com-
4 plex, Washington, DC, pursuant to the first
5 section of the Act of April 28, 1904 (33 Stat.
6 479, chapter 1762), and designated under the
7 first section of the Act of March 4, 1911 (2
8 U.S.C. 2162).

9 “(B) CARBON DIOXIDE ENERGY EFFI-
10 CIENCY.—The term ‘carbon dioxide energy effi-
11 ciency’, with respect to a project, means the
12 quantity of electricity used to power equipment
13 for carbon dioxide capture and storage or use.

14 “(C) PROGRAM.—The term ‘program’
15 means the competitive grant demonstration pro-
16 gram established under paragraph (2).

17 “(2) ESTABLISHMENT OF PROGRAM.—The Ad-
18 ministrator shall establish a competitive grant dem-
19 onstration program under which the Administrator
20 shall provide to eligible entities, as determined by
21 the Administrator, grants to carry out projects to
22 demonstrate, during the 2-year period beginning on
23 the date of enactment of this subsection, the capture
24 and storage or use of carbon dioxide emitted from
25 the Capitol power plant as a result of burning coal.

1 “(3) REQUIREMENTS.—

2 “(A) PROVISION OF GRANTS.—

3 “(i) IN GENERAL.—The Administrator
4 shall provide the grants under the program
5 on a competitive basis.

6 “(ii) FACTORS FOR CONSIDER-
7 ATION.—In providing grants under the
8 program, the Administrator shall take into
9 consideration—

10 “(I) the practicability of conver-
11 sion by the proposed project of carbon
12 dioxide into useful products, such as
13 transportation fuel;

14 “(II) the carbon dioxide energy
15 efficiency of the proposed project; and

16 “(III) whether the proposed
17 project is able to reduce more than 1
18 air pollutant regulated under this Act.

19 “(B) REQUIREMENTS FOR ENTITIES.—An
20 entity that receives a grant under the program
21 shall—

22 “(i) use to carry out the project of the
23 entity a technology designed to reduce or
24 eliminate emission of carbon dioxide that is

1 in existence on the date of enactment of
2 this subsection that has been used—

3 “(I) by not less than 3 other fa-
4 cilities (including a coal-fired power
5 plant); and

6 “(II) on a scale of not less than
7 5 times the size of the proposed
8 project of the entity at the Capitol
9 power plant; and

10 “(ii) carry out the project of the enti-
11 ty in consultation and concurrence with the
12 Architect of the Capitol.

13 “(4) INCENTIVE.—In addition to the grant
14 under this subsection, the Administrator may pro-
15 vide to an entity that receives such a grant an incen-
16 tive award in an amount equal to not more than
17 \$50,000, of which—

18 “(A) \$15,000 shall be provided after the
19 project of the entity has sustained operation for
20 a period of 100 days, as determined by the Ad-
21 ministrator;

22 “(B) \$15,000 shall be provided after the
23 project of the entity has sustained operation for
24 a period of 200 days, as determined by the Ad-
25 ministrator; and

1 “(C) \$20,000 shall be provided after the
2 project of the entity has sustained operation for
3 a period of 300 days, as determined by the Ad-
4 ministrator.

5 “(5) TERMINATION.—The program shall termi-
6 nate on the date that is 2 years after the date of en-
7 actment of this subsection.

8 “(6) AUTHORIZATION OF APPROPRIATIONS.—
9 There is authorized to be appropriated to carry out
10 the program \$3,000,000.”.

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